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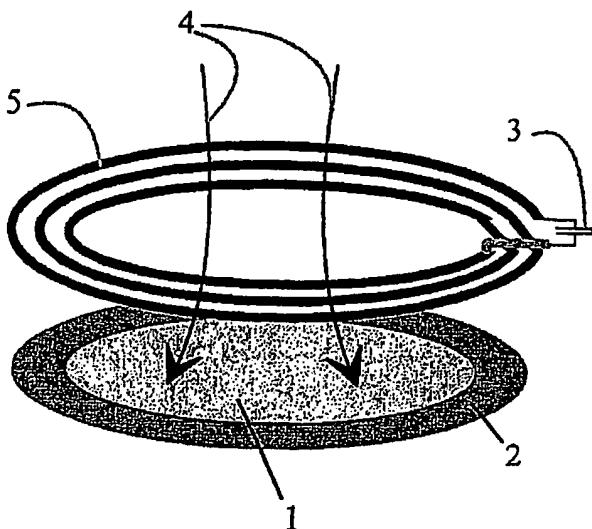
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(54) Title: A RADIOFREQUENCY BASED SENSOR ARRANGEMENT AND A METHOD



(57) Abstract: The invention relates to
a sensor arrangement and a method for
a sensor arrangement (1, 3, 5) remotely
readable by radio frequencies. The sensor
arrangement comprises an LC resonator
(3, 5) which comprises a capacitor (3) and
a coil (5), and a sensor element (1) coupled
to the LC resonator (3, 5) whose properties
change as a function of a measurable
quantity. A sensor element (1) according to
the invention does not form a direct galvanic
contact with the LC resonator (3, 5), rather
the coupling is implemented capacitively or
inductively.

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